



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

LAKE ERIE

LEZ162	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border							
Maumee Bay to Reno Beach	02	1400EST 1530EST			0	0		Marine Tstm Wind (G35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border							
Reno Beach to The Islands	02	1400EST 1530EST			0	0		Marine Tstm Wind (G35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border							
The Islands to Vermilion	02	1400EST 1530EST			0	0		Marine Tstm Wind (G35)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border							
Vermilion to Avon Point	02	1400EST 1530EST			0	0		Marine Tstm Wind (G35)
LEZ142	Maumee Bay To Reno Beach Oh							
Maumee Bay to Reno Beach	02	1400EST 1530EST			0	0		Marine Tstm Wind (G35)
LEZ143	Reno Beach To The Islands Oh							
Reno Beach to The Islands	02	1400EST 1530EST			0	0		Marine Tstm Wind (G46)
LEZ144	The Islands To Vermilion Oh							
The Islands to Vermilion	02	1400EST 1530EST			0	0		Marine Tstm Wind (G39)
LEZ145	Vermilion To Avon Point Oh							
Vermilion to Avon Point	02	1400EST 1530EST			0	0		Marine Tstm Wind (G35)

A line of thunderstorms moved across the western end of Lake Erie and produced wind gusts in excess of 35 knots. A 46 knot gust was measured at Port Clinton (Ottawa County) by an automated sensor. A 35 knot gust was also measured at Marblehead (Ottawa County). A 39 knot gust was measured at Cedar Point (Erie County).

LEZ146	Avon Point To Willowick Oh							
Avon Point to Willowick	02	1615EST 1645EST			0	0		Marine Tstm Wind (G41)
LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border							
Avon Point to Willowick	02	1615EST 1645EST			0	0		Marine Tstm Wind (G35)
LEZ147	Willowick To Geneva On The Lake Oh							
Willowick to Geneva-On-The-Lake	02	1615EST 1645EST			0	0		Marine Tstm Wind (G35)

A strong thunderstorm moved east over Lake Erie and produced wind gusts in excess of 35 knots. A 41 knot gust was measured at the Cleveland Lighthouse with a 36 knot gust at Cleveland Burke Lakefront Airport.

LEZ148	Geneva On The Lake Oh To Conneaut Oh							
Geneva-On-The-Lake to Conneaut	02	1700EST 1745EST			0	0		Marine Tstm Wind (G35)
LEZ168	Le Geneva On The Lake To Conneaut Oh Byd 5Nm Offshore To Intl Border							
Geneva-On-The-Lake to Conneaut	02	1700EST 1745EST			0	0		Marine Tstm Wind (G35)
LEZ167	Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border							
Willowick to Geneva-On-The-Lake	02	1700EST 1745EST			0	0		Marine Tstm Wind (G35)
LEZ147	Willowick To Geneva On The Lake Oh							
Willowick to Geneva-On-The-Lake	02	1700EST 1745EST			0	0		Marine Tstm Wind (G35)

A strong thunderstorm moved east over Lake Erie and produced wind gusts in excess of 35 knots



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LAKE ERIE

LEZ162	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border							
Maumee Bay to Reno Beach	18	1745EST 1915EST			0	0		Marine Tstm Wind (G35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border							
Reno Beach to The Islands	18	1745EST 1915EST			0	0		Marine Tstm Wind (G35)
LEZ142	Maumee Bay To Reno Beach Oh							
Maumee Bay to Reno Beach	18	1745EST 1915EST			0	0		Marine Tstm Wind (G35)
LEZ143	Reno Beach To The Islands Oh							
Reno Beach	18	1745EST 1915EST			0	0		Marine Tstm Wind (G35)

A strong thunderstorm moved northeast across the western basin of Lake Erie and produced winds in excess of 35 knots.

LEZ162	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border							
Maumee Bay to Reno Beach	19	1830EST 2015EST			0	0		Marine Tstm Wind (G35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border							
Reno Beach to The Islands	19	1830EST 2015EST			0	0		Marine Tstm Wind (G35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border							
The Islands to Vermilion	19	1830EST 2015EST			0	0		Marine Tstm Wind (G35)
LEZ142	Maumee Bay To Reno Beach Oh							
Maumee Bay to Reno Beach	19	1830EST 2015EST			0	0		Marine Tstm Wind (G35)
LEZ143	Reno Beach To The Islands Oh							
Reno Beach to The Islands	19	1830EST 2015EST			0	0		Marine Tstm Wind (G35)
LEZ144	The Islands To Vermilion Oh							
The Islands to Vermilion	19	1830EST 2015EST			0	0		Marine Tstm Wind (G35)

A line of strong thunderstorms moved east across the western basin of Lake Erie and produced wind gusts in excess of 35 knots. A 39 knot gust was measured just inland of Lake Erie.

OHIO, North

Cuyahoga County								
North Royalton to Cleveland	03	1430EST 1440EST			0	0	5K	Thunderstorm Wind
Thunderstorm winds downed large tree limbs in North Royalton and Cleveland.								
Geauga County								
Russell	03	1445EST			0	0		Hail(0.75)
Dime size hail was observed.								
Trumbull County								
Warren	03	1510EST			0	0		Hail(0.75)
Dime size hail was observed.								
Summit County								
Akron	03	1540EST			0	0	5K	Thunderstorm Wind
Thunderstorm winds downed several large tree limbs.								
Portage County								
Kent	03	1550EST			0	0	5K	Hail(1.00)
Quarter size hail was observed two miles south of Kent.								



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<u>OHIO, North</u>							
Stark County							
Hartville to Alliance	03	1600EST 1615EST			0 0	5K	Thunderstorm Wind
Thunderstorm winds downed one tree in Hartville and a large limb in Alliance.							
Trumbull County							
Newton Falls	03	1605EST			0 0	6K	Thunderstorm Wind
Thunderstorm winds downed three large trees.							
Summit County							
Akron	03	1610EST			0 0	5K	Thunderstorm Wind
Thunderstorm winds downed one tree and a large limb.							
Wayne County							
Wooster	03	1615EST			0 0		Hail(0.75)
Dime size hail was observed near Wooster.							
Mahoning County							
Boardman	03	1630EST			0 0	25K	Thunderstorm Wind
Thunderstorm winds downed two trees and several large limbs. A garage was damaged by a fallen tree.							
Portage County							
Kent	03	1630EST			0 0		Hail(0.75)
Dime size hail was observed.							
Mahoning County							
Youngstown	03	1635EST 1645EST			0 0	5K	Thunderstorm Wind
Thunderstorm winds downed two trees.							
Stark County							
Massillon	03	1640EST			0 0	5K	Hail(0.88)
Nickel size hail was observed.							
Knox County							
Fredericktown to Monroe Mills	03	1650EST 1700EST			0 0	5K	Thunderstorm Wind
Thunderstorm winds downed a large tree limb in Fredericktown and a tree near Apple Valley Lake							
Stark County							
Alliance	03	1658EST			0 0	5K	Thunderstorm Wind
Thunderstorm winds downed a few large tree limbs.							
Holmes County							
Millersburg	03	1706EST			0 0	5K	Hail(1.00)
Quarter size hail was observed south of Millersburg.							
Stark County							
Alliance	03	1710EST			0 0	30K	Thunderstorm Wind
Thunderstorm winds downed a few trees and power poles. A home was damaged by a fallen tree							
Holmes County							
Millersburg	03	1715EST			0 0	10K	Thunderstorm Wind
Thunderstorm winds downed several trees west of Millersburg.							
Mahoning County							
Boardman	03	1715EST			0 0	15K	Thunderstorm Wind
Thunderstorm winds downed several trees.							
Holmes County							
Charm	03	1725EST			0 0	2K	Thunderstorm Wind



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<u>OHIO, North</u>							
Thunderstorm winds downed a couple large tree limbs three miles south of Charm.							
Ottawa County Marblehead	14	1620EST			0 0	25K	Thunderstorm Wind
Thunderstorm winds downed several trees and large limbs. A home was damaged by a fallen limb							
Huron County Norwalk	14	1656EST			0 0		Hail(0.75)
Dime size hail was observed.							
Lorain County La Grange	14	1810EST 1813EST			0 0	5K	Hail(1.00)
Dime to quarter size hail was observed.							
Lorain County La Grange	14	1810EST 1815EST			0 0	35K	Thunderstorm Wind
Thunderstorm winds downed several trees. At least two cars were damaged by the trees							
Lorain County La Grange	14	1815EST			0 0	25K	Hail(1.50)
Walnut size hail was observed.							
Lorain County Grafton to Elyria	14	1855EST 1900EST			0 0	15K	Thunderstorm Wind
Thunderstorm winds downed several trees in Elyria and a few large limbs in Grafton.							
Medina County Chatham	14	1902EST			0 0	10K	Hail(1.50)
Walnut size hail was observed.							
Summit County Bath	14	2000EST			0 0	4K	Hail(0.88)
Nickel size hail was observed.							
Ashtabula County Countywide	15	1330EST 1500EST			0 0	50K	Flash Flood
Thunderstorms dumped up to three inches of rain in less than two hours causing widespread flooding in Ashtabula County. Several roads were washed out and many underpasses were also flooded.							
Summit County Sagamore Hills	19	0402EST			0 0		Hail(0.75)
Dime size hail was observed.							
Cuyahoga County Solon	19	0445EST			0 0	25K	Thunderstorm Wind
Thunderstorm winds downed a tree and a large limb. The fallen tree damaged a house.							
Hancock County Mc Comb	19	1830EST			0 0	20K	Thunderstorm Wind
Thunderstorm winds downed several trees and large limbs. At least one car was damaged by fallen trees.							
Wood County Bowling Green	19	1832EST			0 0	5K	Thunderstorm Wind
Thunderstorm winds snapped a power pole.							
Wood County Perrysburg	19	1840EST			0 0	2K	Thunderstorm Wind



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<u>OHIO, North</u>									
Thunderstorm winds downed one large tree limb.									
Sandusky County									
Woodville	19	1855EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds downed three large trees.									
Ottawa County									
Genoa	19	1900EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds snapped a power pole and downed several large tree limbs.									
Marion County									
Marion	19	2030EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed a few large tree limbs.									
Huron County									
Olena	20	1445EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed two very large trees.									
Erie County									
Vermilion	20	1500EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed a few large tree limbs.									
Lorain County									
Vermilion On The Lk to Lorain	20	1505EST 1520EST			0	0	4K		Thunderstorm Wind
Thunderstorm winds downed one large tree limb in Vermilion on the Lake and one tree in Lorain.									
Marion County									
Prospect	20	1645EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds downed several trees.									
Crawford County									
Galion	20	1708EST			0	0	25K		Thunderstorm Wind (G52)
Thunderstorm winds estimated at 60 mph downed many trees.									
Crawford County									
Crestline	20	1712EST			0	2	200K		Thunderstorm Wind (G52)
Thunderstorm winds estimated to be in excess of 60 mph caused considerable damage in Crestline. A portion of a temporary stage collapsed at an outdoor festival. Two people were seriously injured with nine others sustaining minor injuries. The two seriously injured required extended hospitalization. Dozens of trees were downed. At least two homes and two cars were severely damaged by fallen trees.									
Sandusky County									
Clyde	20	1715EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed several large tree limbs.									
Richland County									
Shelby	20	1725EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds downed several trees near Shelby.									

PENNSYLVANIA, Northwest

Erie County									
Countywide	15	1330EST 1500EST			0	0	100K		Flash Flood
Thunderstorms dumped up to 3.25 inches of rain in less than two hours causing widespread flooding across Erie County. Water up to three feet in depth was reported on some roads with several additional roads washed out									